



## Complete Summary

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### TITLE

Paediatric intensive care unit (ICU) access: percentage of patients discharged from the ICU between 6PM and 6AM, during the 6 month time period.

### SOURCE(S)

Australian Council on Healthcare Standards (ACHS). ACHS clinical indicator users' manual 2009. ULTIMO NSW: Australian Council on Healthcare Standards (ACHS); 2009 Jan. 853 p.

## Measure Domain

### PRIMARY MEASURE DOMAIN

Use of Services

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

### SECONDARY MEASURE DOMAIN

Does not apply to this measure

## Brief Abstract

### DESCRIPTION

This measure is used to assess the percentage of patients discharged from the intensive care unit (ICU) between 6PM and 6AM, during the 6 month time period.

### RATIONALE

Inability by a facility to admit a patient into a paediatric intensive care unit (ICU) may be a consequence of inadequate resources.

### PRIMARY CLINICAL COMPONENT

Paediatric intensive care unit (ICU); discharge hours

### DENOMINATOR DESCRIPTION

Total number of patients discharged from the intensive care unit (ICU), during the 6 month time period (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

## **NUMERATOR DESCRIPTION**

Total number of patients discharged from the intensive care unit (ICU) between 6pm and 6am, during the 6 month time period

### **Evidence Supporting the Measure**

## **EVIDENCE SUPPORTING THE VALUE OF MONITORING USE OF SERVICE**

- A formal consensus procedure involving experts in relevant clinical, methodological, and organizational sciences

### **Evidence Supporting Need for the Measure**

## **NEED FOR THE MEASURE**

Monitoring and planning

## **EVIDENCE SUPPORTING NEED FOR THE MEASURE**

Australian Council on Healthcare Standards (ACHS). Australasian clinical indicator report 2001-2007. Determining the potential to improve quality of care: 9th edition. ULTIMO NSW: Australian Council on Healthcare Standards (ACHS); 2008. 611 p.

### **State of Use of the Measure**

## **STATE OF USE**

Current routine use

## **CURRENT USE**

Monitoring and planning

### **Application of Measure in its Current Use**

## **CARE SETTING**

Hospitals

## **PROFESSIONALS RESPONSIBLE FOR HEALTH CARE**

Physicians

**LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED**

Single Health Care Delivery Organizations

**TARGET POPULATION AGE**

Unspecified

**TARGET POPULATION GENDER**

Either male or female

**STRATIFICATION BY VULNERABLE POPULATIONS**

Unspecified

**Characteristics of the Primary Clinical Component****INCIDENCE/PREVALENCE**

Unspecified

**ASSOCIATION WITH VULNERABLE POPULATIONS**

Unspecified

**BURDEN OF ILLNESS**

Unspecified

**UTILIZATION**

Unspecified

**COSTS**

Unspecified

**Institute of Medicine National Healthcare Quality Report Categories****IOM CARE NEED**

Not within an IOM Care Need

**IOM DOMAIN**

Not within an IOM Domain

## **CASE FINDING**

Users of care only

## **DESCRIPTION OF CASE FINDING**

Patients discharged from the intensive care unit (ICU), during the 6 month time period

## **DENOMINATOR SAMPLING FRAME**

Patients associated with provider

## **DENOMINATOR INCLUSIONS/EXCLUSIONS**

### **Inclusions**

Total number of patients discharged from the intensive care unit (ICU)\*, during the 6 month time period. Discharged patients from the ICU include patients that were readmitted.

\*ICU is a specially staffed, and equipped, separate and self-contained section of a hospital for the management of patients with life threatening or potentially life threatening conditions.

### **Exclusions**

Discharged patients from the ICU who died while in the ICU are excluded.

## **RELATIONSHIP OF DENOMINATOR TO NUMERATOR**

All cases in the denominator are equally eligible to appear in the numerator

## **DENOMINATOR (INDEX) EVENT**

Institutionalization

## **DENOMINATOR TIME WINDOW**

Time window brackets index event

## **NUMERATOR INCLUSIONS/EXCLUSIONS**

### **Inclusions**

Total number of patients discharged from the intensive care unit (ICU) between 6pm and 6am, during the 6 month time period

### **Exclusions**

Unspecified

## **MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS**

Unspecified

### **NUMERATOR TIME WINDOW**

Fixed time period

### **DATA SOURCE**

Administrative data

Medical record

### **LEVEL OF DETERMINATION OF QUALITY**

Does not apply to this measure

### **PRE-EXISTING INSTRUMENT USED**

Unspecified

## **Computation of the Measure**

### **SCORING**

Rate

### **INTERPRETATION OF SCORE**

Undetermined

### **ALLOWANCE FOR PATIENT FACTORS**

Unspecified

### **STANDARD OF COMPARISON**

External comparison at a point in time

External comparison of time trends

Internal time comparison

## **Evaluation of Measure Properties**

### **EXTENT OF MEASURE TESTING**

Unspecified

## Identifying Information

### ORIGINAL TITLE

Indicator area 4: access and exit block to the ICU CI 4.5.

### MEASURE COLLECTION

[Australian Council on Healthcare Standards \(ACHS\) Equip Clinical Indicators](#)

### MEASURE SET NAME

[Paediatric Indicators - General & ICU](#)

### DEVELOPER

Australian Council on Healthcare Standards

### FUNDING SOURCE(S)

Funding is direct Australian Council on Healthcare Standards (ACHS) funding sourced through our membership. ACHS does not receive external funding from the government or other sources.

### COMPOSITION OF THE GROUP THAT DEVELOPED THE MEASURE

Our terms of reference dictate the composition of the working parties that develop our indicators and include the following:

- Two Clinicians -- nominated by the relevant specialty college/association/society, one nominated to be the chair of the working party
- Private Hospital Representative -- nominated by the Australian Private Hospital Association
- Consumer Representative -- nominated by the Consumer Health Forum of Australia
- Coding Representative -- nominated by the National Centre for Clinical classification on Health
- Quality Health New Zealand, nominated by QHNZ (if applicable)
- Epidemiological/Clinical Research Representative, Director of Health Services Research Group, University of Newcastle
- Australian Council on Healthcare Standards (ACHS) Representatives -- Clinical Director, Coordinator, Administrative Assistant
- Other Expert Stakeholders, as required

### FINANCIAL DISCLOSURES/OTHER POTENTIAL CONFLICTS OF INTEREST

None

### ADAPTATION

Measure was not adapted from another source.

**RELEASE DATE**

1997 Jan

**REVISION DATE**

2009 Jan

**MEASURE STATUS**

This is the current release of the measure.

This measure updates a previous version: Australian Council on Healthcare Standards (ACHS). ACHS clinical indicator users' manual 2008. ULTIMO NSW: Australian Council on Healthcare Standards (ACHS); 2007 Dec. 776 p.

**SOURCE(S)**

Australian Council on Healthcare Standards (ACHS). ACHS clinical indicator users' manual 2009. ULTIMO NSW: Australian Council on Healthcare Standards (ACHS); 2009 Jan. 853 p.

**MEASURE AVAILABILITY**

The individual measure, "Indicator Area 2: Access and Exit Block to the ICU CI 4.5," is published in "ACHS Clinical Indicator Users' Manual 2009."

For more information contact, the Australian Council on Healthcare Standards (ACHS), 5 Macarthur Street, ULTIMO NSW 2007; Phone: (02) 9281 9955; Fax: (02) 9211 9633; E-mail: [pos@achs.org.au](mailto:pos@achs.org.au); Web site: [www.achs.org.au](http://www.achs.org.au).

**COMPANION DOCUMENTS**

The following is available:

- Australian Council on Healthcare Standards (ACHS). Australasian clinical indicator report 2001-2007. Determining the potential to improve quality of care: 9th edition. ULTIMO NSW: Australian Council on Healthcare Standards (ACHS); 2008. 611 p. This document is available in Portable Document Format (PDF) from the [Australian Council on Healthcare Standards \(ACHS\) Web site](http://www.achs.org.au).

**NQMC STATUS**

This NQMC summary was completed by ECRI Institute on January 8, 2009. This NQMC summary was updated by ECRI Institute on June 12, 2009.

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Date Modified: 8/10/2009

